

CP Cases “Racks” (19” Rack-mount Transit Cases) Comparison, Rotomolded vs. Aluminum

AMAZON Brand

Rotomolded polyethylene construction

4U to 14U sizes
Typical, 3” front and 5” rear lids
Wheels (2) included on 5” rear lid
Lifting/carrying handles are injection molded
Colors are molded-in and UV stabilized
Heavier than aluminum racks
Priced lower than aluminum racks
Various sizes regularly in inventory in Maryland
Generally, shorter lead time vs. aluminum racks
Many accessories available
Approx. 30 different rack sizes

ERACK Brand

Welded aluminum construction

2U to 16U sizes, plus custom sizes
Typical, 3” front and 3” rear lids
Wheels (4) available with optional wheelboard
Lifting/carrying handles are aluminum, black powder coated
Colors are via commercial grade powder coating
Lighter than rotomolded racks
Priced higher than rotomolded racks
Always built-to-order
Generally, longer lead time vs. rotomolded racks
Many accessories available (including RF/EMI shielding)
Approx. 40 different rack sizes

Both Lines:

Internal chassis depths: 19”, 24”, 29”, 34” (and custom depths, with ERack)
Aluminum chassis (or stainless steel, when required)
Chassis suspended by 8 or 16 elastomeric anti-vibration mounts (AVMS)
Wire rope mounts available (when required)
Std. shock protection for payload weight to approx. 143 lbs.
Configurations available for heavy payloads to approx. 300 lbs.
Chassis is user-adjustable (plus or minus 1” from central position)
Slide-out chassis available (optional)
Rack fasteners included (cage nuts, machine screws, finishing washers)
Std. colors: Black, Olive Drab, Desert Tan, Gray
Pressure release valve included
Tested and certified to MIL-STD-810F
Highly resistant to impact, drop, shock, vibration, dust, dirt, sand, water and more
All-weather use (to IP65)
Corrosion-proof and stable in extreme temperatures (-40F to +158F)
Patented design
Positive stacking, aligning at front face of rack
Customizable
Various options available including air conditioning, humidity Indicator, storage pouches, support rails, shelves, drawers, tie-downs, lifting rings, padlockable latches, stainless steel handles, linking straps, insect hood, protective skirt, custom colors, custom labels and more.
Ideal for commercial and military applications



Typical Amazon Rotomolded Rack



Typical ERack Aluminum Rack

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